SAMSUNG

Video Conference Monitor

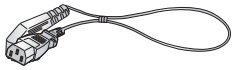
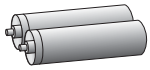
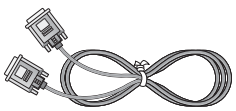
quick start guide

1 Installing the Product

1-1 Package Contents

- Unpack the product and check if all of the following contents have been included.
- Store the packaging box in case you need to move the Product later.
- If any items are missing, contact your dealer.
- Contact a local dealer to purchase optional items.

Monitor

CONTENTS			
			
Installation Manual	Product Warranty	User Manual	Power Cord
			
D-Sub Cable	LAN Cable	Remote Control	Batteries (AAA X 2)
			
DVI Cable	Ferrite Core for LAN cable	Stereo Cable	Cleaning Cloth

The cleaning cloth is supplied with black high-glossy models only.

1-2 Installing the Stand

Before attaching the stand, place a soft cloth on a flat, stable surface, and then place the product onto the cloth so that the screen is facing downwards.

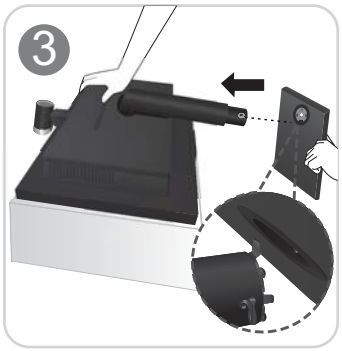
Caution: When placing the product on a flat surface, you can damage the projection on the camera. To prevent damage, place the monitor down gently and carefully.

Place a soft cloth over a flat, sturdy table, and then place the product onto the cloth so that the screen is facing downwards.

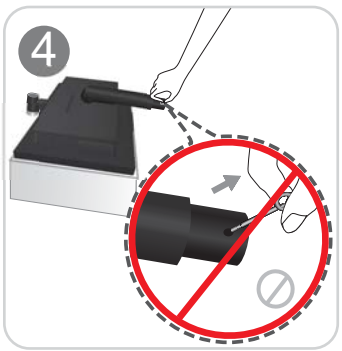
Turn the stand in the direction indicated by the arrow.

Do not remove the stopper pin before installing the base.

Make sure that the stand has been properly turned in the right direction.

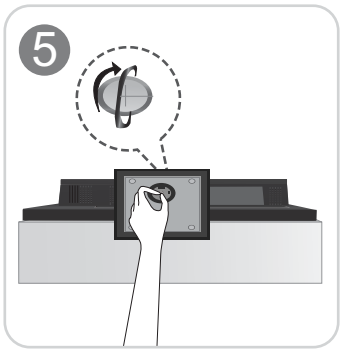


Push the base into the product's stand in the direction indicated by the arrow.



Do not remove the stopper pin before completely installing the stand's base.

Otherwise it may cause physical injury.



Turn the connecting screw at the bottom of the stand fully so that it is completely fixed.

After installation of the base is complete, stand the product up.

- Remove the stopper pin.
- Adjust the height of the screen to your specifications.

- Caution

Avoid lifting the product holding only the stand.

- Caution

Avoid moving the product only holding it by the camera.

Disassembly is in the reverse order of assembly.

1-3 Removing the Stand

Before removing the stand, place a soft cloth on a flat, stable surface, and then place the product onto the cloth so that the screen is facing downwards.

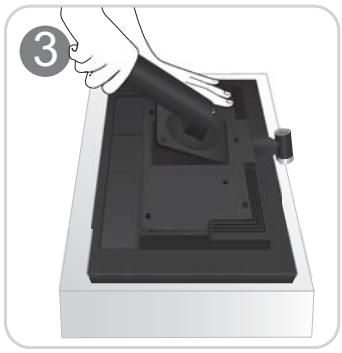
Caution: When placing the product on a flat surface, you can damage the projection on the camera. To prevent damage, place the monitor down gently and carefully.

Place a soft cloth over a table to protect the product, and then place the product onto the cloth so that the front of the product is facing downwards.

Hold the product's stand as shown in the picture, and then detach the rear cover.

Unfasten the screws indicated as "A."

The stand can be detached after removing the screws.

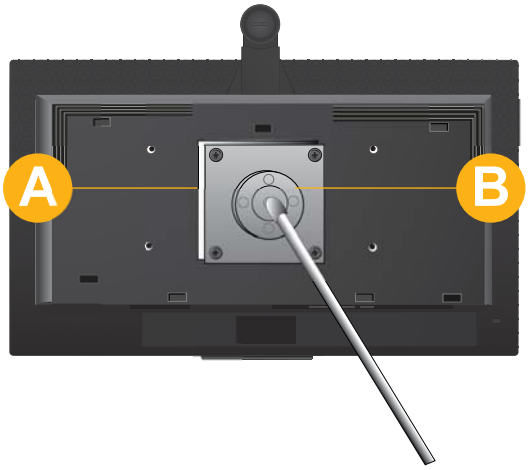


Hold the main body of the product as shown in the picture.

Lift and separate the unscrewed stand.

1-4 Installing a VESA Wall Mount or Desk Mount

This product has a 100 mm x 100 mm / 200 mm x 100 mm VESA compatible stand mount.



A. Stand Mount

B. Stand (Optional)

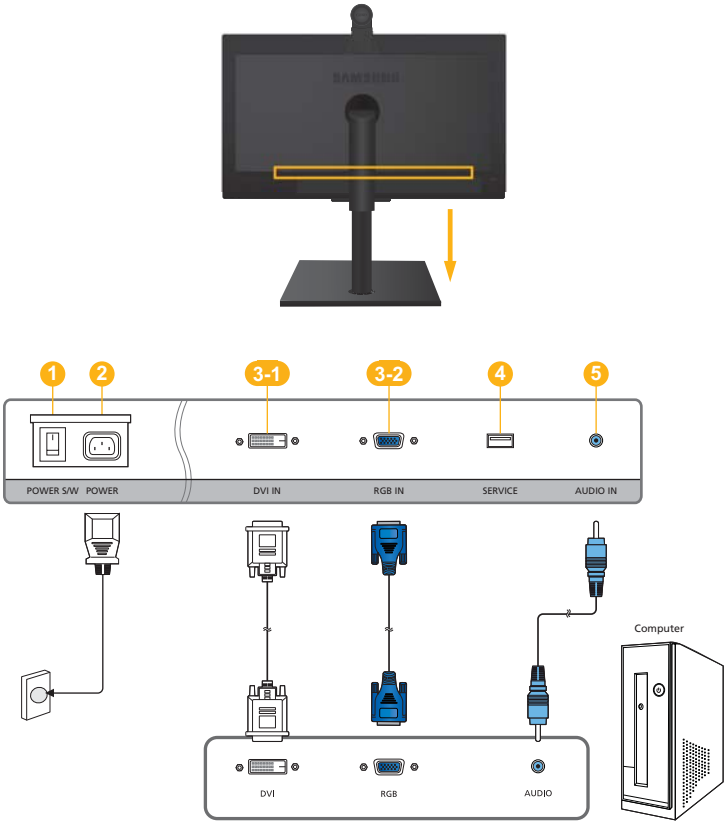
To attach a VESA compatible wall mount, follow these steps:

1. Turn the product off, and the unplug the power cord from the wall outlet.
2. Place a soft cloth or cushion on a flat surface to protect the panel and place the product face down on the cloth or cushion.
3. Detach the rear cover.
4. Remove the stand as described previously.
5. Align the groove of the part of the product that is to be connected to the stand with the groove in the stand (desk-top stand, wall mount stand or another stand) and firmly fix the stand by fastening the screw.

- If you use a screw that is longer than the standard specifications, the inside of the product may be damaged.
- For wall mounts that are not compatible with the standard VESA specifications, the length of the screw may differ depending on the corresponding specifications.
- Do not use screws that are incompatible with the standard VESA specifications and do not screw them in using excessive force.
  This may result in damage to the product or injury due to the product falling.
  The company shall not be held liable for any damage or injury.
- Samsung shall not be held liable for any damage to the product or injury caused by using a stand that is not compatible with the specified specifications or due to an installation not performed by an authorized installation engineer.
- When installing the product using a wall mount, purchase a wall mount that provides at least 10 cm of clearance from the wall.
- Samsung shall not be held liable for any problems caused by using a stand that is not compatible with the specified specifications.
- Use the wall mount according to the specifications of your country.

1-5 Connecting with a PC

The connecting parts may differ depending on the product model.



- Connect the monitor to your PC as illustrated when you intend to use the monitor as a computer display only, and do not intend to use the video call function.
- To connect the monitor and use it as a computer display only, follow these steps:

1. POWER S/W : Turns the product on and off.
2. Connect one end of the power cord to the [POWER] port of the product and connect the other end of the power cord to the 220V or 110V wall outlet.

   The monitor recognizes the input voltage and switches automatically.

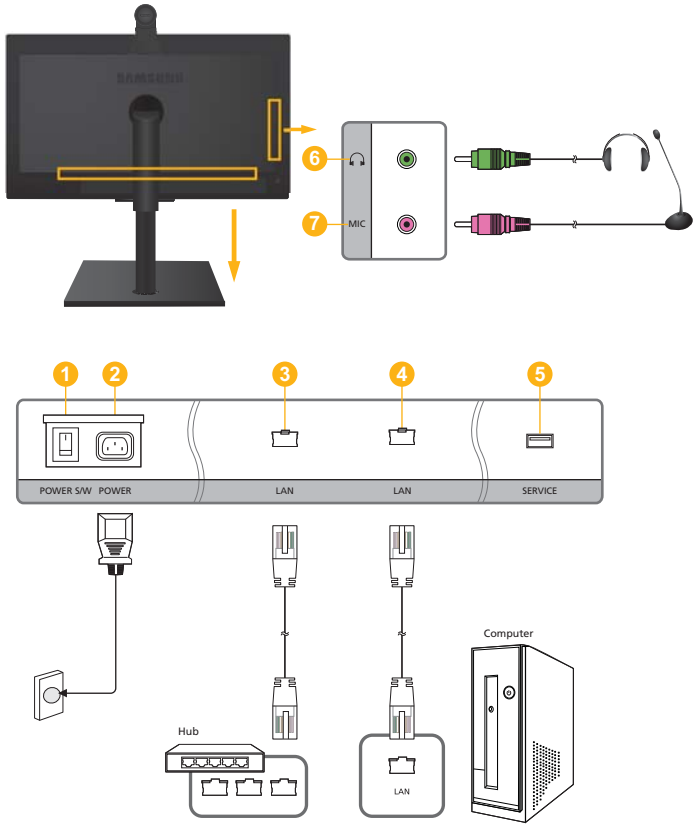
3. Connect the product to a PC depending on the video output supported by the PC.
   - **3-1.** When the graphics card provides DVI (Digital) output
     Connect the [DVI IN] port of the product to the DVI port of the PC with the DVI cable.
   - **3-2.** When the graphics card provides D-Sub (Analog) output
     Connect the [RGB IN] port of the product to the [RGB IN] port of the PC with the D-Sub cable.
4. SERVICE : Dedicated to A/S
5. Connect the [AUDIO IN] port on the rear side of the monitor to the sound card of the PC.

After the product is connected to a PC, you can turn the product on and use it.

When both the DVI (<DVI>) and D-Sub (<PC>) cables are connected, you can select the input signal <PC or DVI> by pressing the [↵/SOURCE] button.

1-6 Connecting to the Video Conference Monitor

The connecting part may differ depending on the product model.



- Connect the monitor to your PC as illustrated when you intend to use the monitor as a computer display and to send and receive video calls or participate in video conferences.
- Ensure that only one of the two [LAN] ports is connected to the network using a LAN cable.

To connect the monitor to your PC and use it as a computer display and for video calls and video conferences, follow these steps:

1. POWER S/W : Turns the product on and off.
2. Connect one end of the power cord to the [POWER] port of the product and connect the other end of the power cord to the 220V or 110V wall outlet.

   The monitor recognizes the input voltage and switches automatically.

3. Connect between the [LAN] port on the product and your network using a LAN cable.
4. Connect the LAN cable between the [LAN] port on the product and the [LAN] port on your PC.

   You do not have to connect the monitor to a PC to make video calls.

   When using the same IP for both the PC and the Video Conference Monitor, you must connect the LAN cables as shown above.

5. SERVICE : Dedicated to A/S
6. Connect the headphone cable to the headphone port on the product.

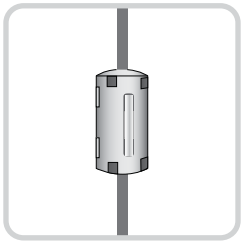
   Connect it only when needed, since this product has an internal speaker. Note that it can only be used for a video call.

7. Connect the microphone cable to the microphone port on the product.

   Connect it only when needed, since this product has an internal microphone. Note that it can only be used for a video call.

Once the connection is finished, turn on the power and press the [↵ /SOURCE] button to select <VC> as the input signal.

Ferrite Core

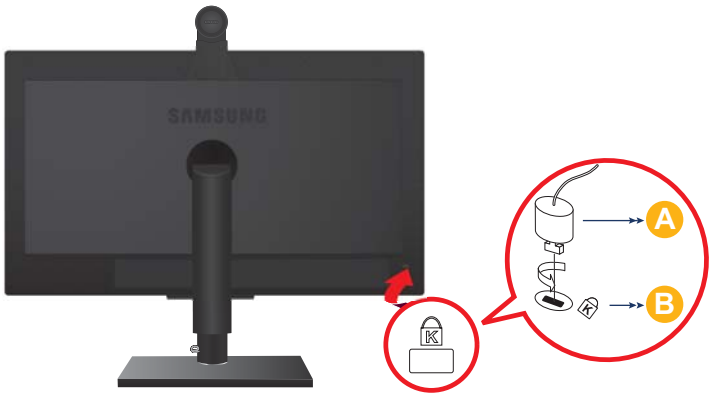


- The ferrite cores are used to shield the cables from interference.
- When connecting a cable, open the ferrite core and clip it around the cable near the plug.

1-7 Kensington Lock

A Kensington Lock is an anti-theft device that enables users to lock the product so that they can safely use it in public locations. Since the shape and usage of the locking device may differ depending on the model and the manufacturer, for more information, refer to the User Manual supplied with the locking device for more information.

You must purchase the Kensington Lock separately.



To lock the product, follow these steps:

1. Wrap the Kensington lock cable around a large, stationary object such as a desk or chair.
2. Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.
3. Insert the locking device into the Kensington slot on the Monitor (B).
4. Lock the lock (A).

- These are general instructions. For exact instructions, see the User Manual supplied with the locking device.
- You can purchase the locking device from an electronics store, an online shop, or our service center.

1-8 Product Operating Buttons

Product Information

You can use your monitor as a standard monitor or as a Video Call monitor. The Video Call functions are built into the monitor.

Some functions may not operate when using the product as a monitor, since they are designed only for the video call function.

	ITEM	DESCRIPTION
1	Camera	Receives and transmits images during a video call.
2	Microphone	Inputs sound during a video call.
3	Remote control sensor	Receives signals from the remote control.
4	Speaker	Outputs sound from the remote party during a video call. Outputs sound from the PC when the product is connected to a PC by an audio cable.

Product Operating Buttons

The buttons are located on the bottom of the monitor.

ICON	DESCRIPTION
MENU/	Press this button to view the On Screen Display (OSD). This button is also used to exit the OSD or to return to a higher-level OSD menu
▲/▼	Use these buttons to navigate the menu or to adjust a value in the OSD.
	Use this button to dial a video call.
	Allows you to mute either the voice or video, or both the voice and video, according to the current OSD settings (<Settings> → <Mute Option>).
◄ VOL ►	Use these buttons to navigate the menu or to adjust a value in the OSD. When OSD is not on the screen, push these buttons to adjust volume.

ICON	DESCRIPTION
↵/SOURCE	If the OSD is on the screen, use this button to select a function When the OSD is not on the screen, use this button to switch the input signal (PC/DVI/VC). When you switch the input signal by pressing the [↵ /SOURCE] button or when you turn the product on, a message displaying the selected input signal appears at the top left of the screen. ✎ To select Digital (DVI) mode, you must connect the product to your PC with a DVI cable.
⏻	Press this button to turn the product on or off.
Power LED	This LED is turned on when the product works normally. The power LED can be found above the buttons on the bottom of the monitor. ✎ For information about the power-saving function, refer to the power saving function section of the product specifications. When not using the product for a long time, unplugging the power cord is recommended to minimize power consumption.

2 Troubleshooting

2-1 Monitor Self-Diagnosis

- You can check if the product is working properly by using the Self-Diagnosis function.
- If the monitor displays a blank screen and the Power LED blinks even if the product and the PC are connected, run the Self-Diagnosis function.

To run a Self-Diagnosis on your monitor, follow these steps:

1. Turn the monitor and the PC off.
2. Separate the D-Sub cable from the product .
3. Turn the monitor on.
4. If the monitor is working properly, the 'Check Signal Cable' message appears.
   If this is the case, and your monitor continues to display a blank screen, make sure that there is no problem with the PC or with the connection between your monitor and the PC. The monitor is working properly.

2-2 Before Requesting Service

• Please check the following solutions before requesting after-sales service. If the problem continues, please contact your nearest Samsung Electronics Service Center or visit the Support page at www.samsung.com.

A BLANK SCREEN APPEARS / I CANNOT TURN THE PRODUCT ON	
Is the power cord connected properly?	Make sure the power cord is plugged in correctly at both ends.
Is the “Check Signal Cable” message displayed on the screen?	Check the cable connecting the PC and the product. If the cable is connected properly, press the [↵/SOURCE] button repeatedly to confirm that the product is set to the correct source and that it is receiving an input signal.
Is the “Not Optimum Mode” message displayed on the screen?	This occurs when the signal from the graphics card exceeds the maximum resolution or the maximum frequency (refresh rate) capability of the product. In this case, set up the appropriate resolution and the frequency for the product. For the correct values, see the Standard Signal Mode Table.
Is a blank screen displayed and does the power LED blink at a 1 second interval?	This occurs when the power saving function is running. To turn on the screen, click the mouse or press any key.
Did you connect with a DVI cable?	If you connect the DVI cable while the PC is booting up or if you reconnect the DVI cable after disconnecting the cable while the PC is on, the screen may not display because some graphics cards can not output a video signal under these conditions. In this case, reboot the PC while the DVI cable is connected.
THE COLOR IS WEIRD / THE PICTURE IS DISPLAYED IN BLACK AND WHITE	
Is the entire screen displayed in the same color as if viewing the screen through a cellophane paper?	Check the cable connection to the computer. Reinsert the graphics card into the computer completely. Check if the <Color Effect> is set to <Off>.
Is the graphics card configured correctly?	Reconfigure the graphics card referring to the card's user manual.
THE DISPLAY AREA SUDDENLY MOVES TO AN EDGE OR TO THE CENTER.	
Did you change the graphics card or the driver?	Try to run <Auto Adjustment> in <Picture> under <Settings>.
Did you change the resolution or frequency (refresh rate)?	Set the graphics card to the appropriate resolution and frequency. For the correct values, see the Standard Signal Mode Table.
Is the graphics card configured correctly?	Reconfigure the graphics card referring to the card's user manual.
THE PICTURES ARE OUT-OF-FOCUS.	
Did you change the resolution or frequency (refresh rate)?	Set the graphics card to the appropriate resolution and frequency. For the correct values, see the Standard Signal Mode Table.

THE COLOR IS DISPLAYED IN 16 BIT (16 COLORS). THE COLOR HAS BEEN CHANGED AFTER CHANGING THE GRAPHICS CARD.	
Did you install the device driver for the product?	Windows ME/XP/2000 : Set the color again by selecting Control Panel ⟶ Display ⟶ Settings.
Is the graphics card configured correctly?	Configure the color again in accordance with the new graphics card driver.
WHEN I CONNECT THE MONITOR, THE 'UNKNOWN MONITOR, PLUG&PLAY (VESA DDC) MONITOR FOUND' MESSAGE IS DISPLAYED.	
Did you install the device driver for the product?	Install the device driver referring to the directions for installing the driver in this manual.
Check if all the Plug&Play (VESA DDC) functions are supported referring to the User Manual of the graphics card.	If your graphcs card supports the Plug&Play functions, reinstall the card's driver. See the card's Users Manual for instructons.
WHEN I LOOK AT THE EXTERIOR EDGES OF THE PRODUCT, I SEE SMALL DISTORTIONS.	
To protect the screen, the black edges of this product are coated with a transparent material that softens the colors at the screen's edges. This material can sometimes cause small distortions in the picture at the edges of the screen. This is not a defect in the product.	
I HEAR A “BEEP, BEEP” SOUND WHEN BOOTING THE COMPUTER.	
If you hear three or more beeps in succession when booting up the computer, your computer requires service.	

2-3 FAQ

FAQ	PLEASE TRY THE FOLLOWING
How can I change the frequency (refresh rate) of the video signal?	You have to change the frequency of the graphics card. Windows XP : Change the frequency by selecting Control Panel ⟶ Appearance and Themes ⟶ Display ⟶ Settings ⟶ Advanced ⟶ Monitor, and then change the refresh rate under Monitor Settings. Windows ME/2000 : Change the frequency by selecting Control Panel ⟶ Display ⟶ Settings ⟶ Advanced ⟶ Monitor, and then change the refresh rate under Monitor Settings. For more information, refer to the User Manual of the computer or the graphics card.
How can I change the resolution?	Windows XP : Change the resolution by selecting Control Panel ⟶ Appearance and Themes ⟶ Display ⟶ Settings. Windows ME/2000 : Change the resolution by selecting Control Panel ⟶ Display ⟶ Settings. For more information, refer to the User Manual of the computer or the graphics card.
How can I use the power saving function?	Windows XP : Configure it by selecting Control Panel ⟶ Appearance and Themes ⟶ Display ⟶ Screen Saver Setting or configure it in the BIOS Setup of the computer. Windows ME/2000 : Configure it by selecting Control Panel ⟶ Display ⟶ Screen Saver Setting or Configure it in the BIOS Setup of the computer. For more information, refer to the Windows user manual for the computer.